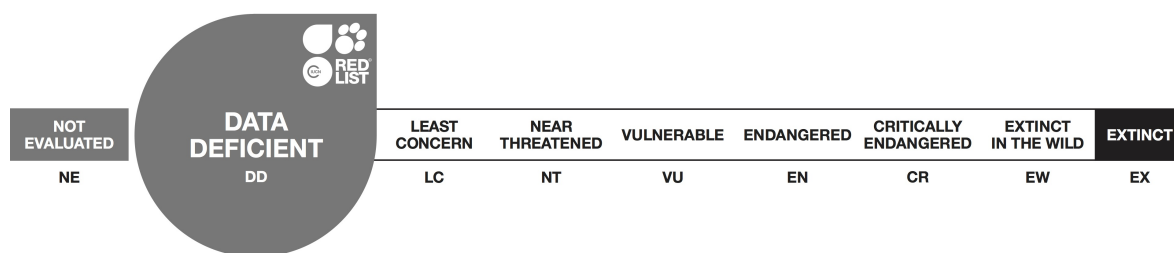


Pittosporum dzumacense

Assessment by: Gemmill, C., Veillon, J.-M., Amice, R., Cazé, H., Dumontet, V., Fleurot, D., Garnier, D., Gâteblé, G. & Maggia, L.



View on www.iucnredlist.org

Citation: Gemmill, C., Veillon, J.-M., Amice, R., Cazé, H., Dumontet, V., Fleurot, D., Garnier, D., Gâteblé, G. & Maggia, L. 2017. *Pittosporum dzumacense*. *The IUCN Red List of Threatened Species* 2017: e.T82947227A82951787. <http://dx.doi.org/10.2305/IUCN.UK.2017-3.RLTS.T82947227A82951787.en>

Copyright: © 2017 International Union for Conservation of Nature and Natural Resources

Reproduction of this publication for educational or other non-commercial purposes is authorized without prior written permission from the copyright holder provided the source is fully acknowledged.

Reproduction of this publication for resale, reposting or other commercial purposes is prohibited without prior written permission from the copyright holder. For further details see [Terms of Use](#).

The IUCN Red List of Threatened Species™ is produced and managed by the [IUCN Global Species Programme](#), the [IUCN Species Survival Commission \(SSC\)](#) and [The IUCN Red List Partnership](#). The IUCN Red List Partners are: [Arizona State University](#); [BirdLife International](#); [Botanic Gardens Conservation International](#); [Conservation International](#); [NatureServe](#); [Royal Botanic Gardens, Kew](#); [Sapienza University of Rome](#); [Texas A&M University](#); and [Zoological Society of London](#).

If you see any errors or have any questions or suggestions on what is shown in this document, please provide us with [feedback](#) so that we can correct or extend the information provided.

Taxonomy

Kingdom	Phylum	Class	Order	Family
Plantae	Tracheophyta	Magnoliopsida	Rosales	Pittosporaceae

Taxon Name: *Pittosporum dzumacense* Guillaumin

Taxonomic Source(s):

Tirel, Ch. and Veillon, J.-M. 2002. *Flore de la Nouvelle-Calédonie, tome 24. Pittosporaceae*. Museum d'Histoire Naturelle, Paris.

Assessment Information

Red List Category & Criteria: Data Deficient [ver 3.1](#)

Year Published: 2017

Date Assessed: July 23, 2015

Justification:

Pittosporum dzumacense is an endemic small tree of New Caledonia, which as currently taxonomically delimited, is largely distributed from the north to the south of the main island, Grande Terre. Nevertheless current phylogenetic studies suggest that *P. dzumacense* and *P. xanthanthum* are genetically similar and even co-occur. Individuals from Dzumac, Mont Do and Pouembout locations could be split into three subspecies, belonging to a potentially widespread and common species, however, further study is needed before any taxonomic revision can take place. *P. dzumacense* is assessed as Data Deficient until species delimitations are clarified.

Geographic Range

Range Description:

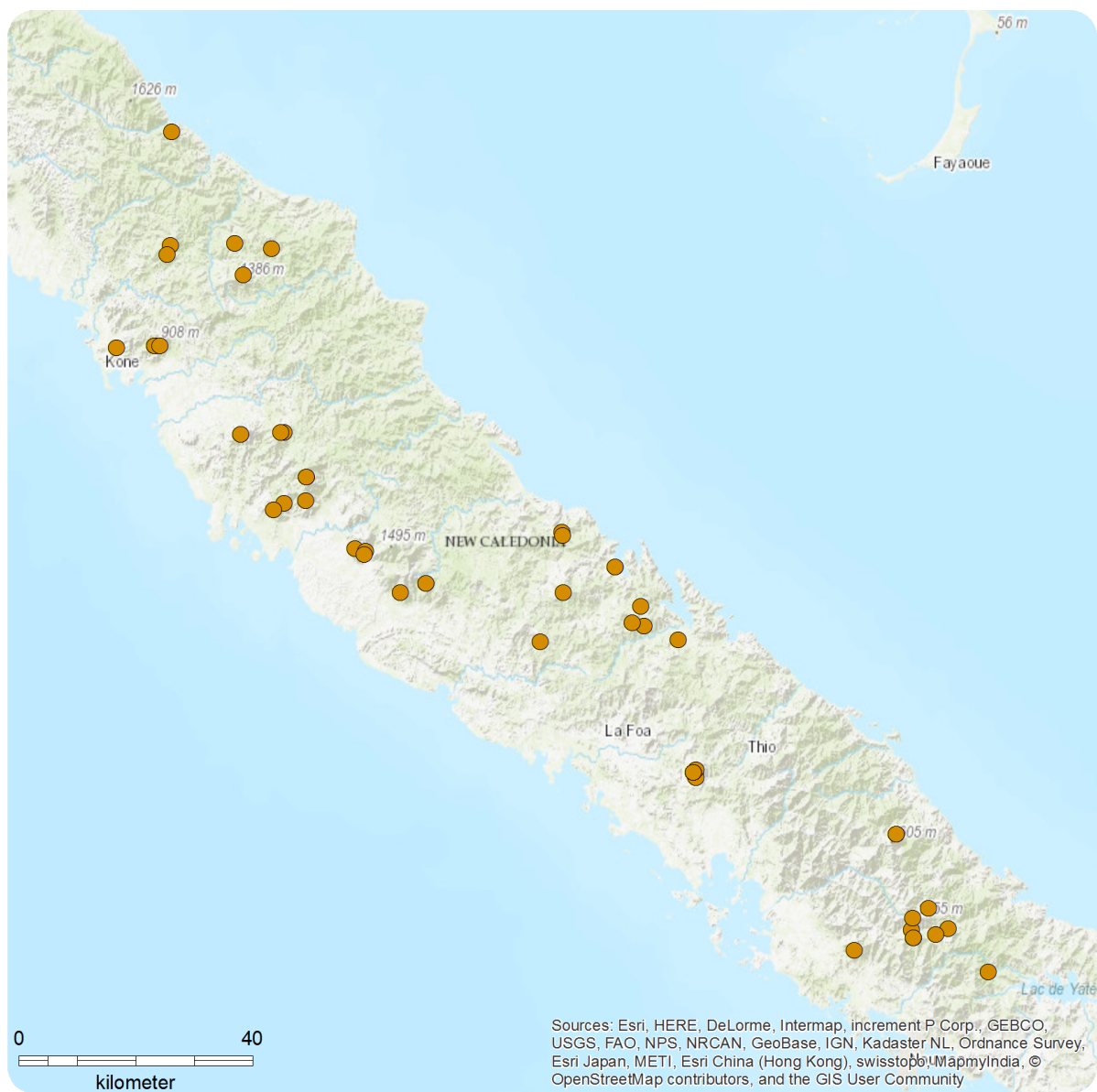
Pittosporum dzumacense is an endemic small tree of New Caledonia, largely distributed from south to north of the main island, Grande Terre.

Country Occurrence:

Native: New Caledonia

Distribution Map

Pittosporum dzumacense



Range
● Extant (resident)

Compiled by:
IUCN SSC New Caledonia Plants RLA



Population

Population size is unknown.

Current Population Trend: Unknown

Habitat and Ecology (see Appendix for additional information)

Pittosporum dzumancense is found in dense humid forest, on forest edges and in shrubland on ultramafic substrates at an altitudinal range 400 - 1,100 m asl.

Systems: Terrestrial

Threats

Pittosporum dzumancense does not appear to be affected by any particular threats.

Conservation Actions (see Appendix for additional information)

Pittosporum dzumancense is not protected by any legislation but does occur in a large number of protected areas: réserve naturelle du Mont Humboldt, réserve naturelle du Massif du Kouakoué, réserve naturelle du Mont Mou, réserve naturelle du Mont Do, Parc Provincial de la Rivière Bleue, réserve naturelle de la Nodéla. In order to assess extinction risk of *P. dzumacense*, it is necessary to conduct further morphological and phylogenetic studies to be able to accurately distinguish the taxonomy of *P. dzumacense* and *P. xanthanthum*, especially to determine if they represent a single widespread species.

Credits

Assessor(s): Gemmill, C., Veillon, J.-M., Amice, R., Cazé, H., Dumontet, V., Fleurot, D., Garnier, D., Gâteblé, G. & Maggia, L.

Reviewer(s): Tanguy, V.

Facilitators(s) and Compiler(s): Chanfreau, S.

Bibliography

Endemia.nc. 2016. Faune et Flore de Nouvelle-Calédonie. Available at: <http://www.endemia.nc>.

IUCN. 2017. The IUCN Red List of Threatened Species. Version 2017-3. Available at: www.iucnredlist.org. (Accessed: 7 December 2017).

Tirel, Ch. and Veillon, J.-M. 2002. *Flore de la Nouvelle-Calédonie, tome 24. Pittosporaceae*. Museum d'Histoire Naturelle, Paris.

Citation

Gemmill, C., Veillon, J.-M., Amice, R., Cazé, H., Dumontet, V., Fleurot, D., Garnier, D., Gâteblé, G. & Maggia, L. 2017. *Pittosporum dzumacense*. *The IUCN Red List of Threatened Species 2017*: e.T82947227A82951787. <http://dx.doi.org/10.2305/IUCN.UK.2017-3.RLTS.T82947227A82951787.en>

Disclaimer

To make use of this information, please check the [Terms of Use](#).

External Resources

For [Images and External Links to Additional Information](#), please see the Red List website.

Appendix

Habitats

(<http://www.iucnredlist.org/technical-documents/classification-schemes>)

Habitat	Season	Suitability	Major Importance?
1. Forest -> 1.6. Forest - Subtropical/Tropical Moist Lowland	-	Suitable	-
1. Forest -> 1.9. Forest - Subtropical/Tropical Moist Montane	-	Suitable	-
3. Shrubland -> 3.5. Shrubland - Subtropical/Tropical Dry	-	Suitable	-
3. Shrubland -> 3.7. Shrubland - Subtropical/Tropical High Altitude	-	Suitable	-

Conservation Actions in Place

(<http://www.iucnredlist.org/technical-documents/classification-schemes>)

Conservation Actions in Place
In-Place Land/Water Protection and Management
Occur in at least one PA: Yes
Invasive species control or prevention: No
In-Place Species Management
Successfully reintroduced or introduced benignly: No
Subject to ex-situ conservation: No

Research Needed

(<http://www.iucnredlist.org/technical-documents/classification-schemes>)

Research Needed
1. Research -> 1.1. Taxonomy

Additional Data Fields

Distribution
Estimated area of occupancy (AOO) (km ²): 200
Continuing decline in area of occupancy (AOO): Unknown
Extreme fluctuations in area of occupancy (AOO): No
Estimated extent of occurrence (EOO) (km ²): 7548
Continuing decline in extent of occurrence (EOO): Unknown

Distribution
Extreme fluctuations in extent of occurrence (EOO): No
Continuing decline in number of locations: Unknown
Extreme fluctuations in the number of locations: No
Lower elevation limit (m): 400
Upper elevation limit (m): 1100
Population
Continuing decline of mature individuals: Unknown
Extreme fluctuations: No
Population severely fragmented: No
Extreme fluctuations in subpopulations: No
Habitats and Ecology
Continuing decline in area, extent and/or quality of habitat: Unknown
Generation Length (years): 0

The IUCN Red List Partnership



The IUCN Red List of Threatened Species™ is produced and managed by the [IUCN Global Species Programme](#), the [IUCN Species Survival Commission \(SSC\)](#) and [The IUCN Red List Partnership](#).

The IUCN Red List Partners are: [Arizona State University](#); [BirdLife International](#); [Botanic Gardens Conservation International](#); [Conservation International](#); [NatureServe](#); [Royal Botanic Gardens, Kew](#); [Sapienza University of Rome](#); [Texas A&M University](#); and [Zoological Society of London](#).